

Assay Laboratory and Bulk Sampling Crushing, Grinding, Processing, Upgrading and Smelting Plant

# Property Executive Summary

Registered Owner	Polymet Resources Inc.	
Legal Description	PIN 613386-0672, being Parcel 6817 SST, Lot 367, Pl Coleman S/T LT 7388, Municipality of Cobalt	an M-47 NB
Site Area	234.5' x 80.26' x 247.85' +/- = 9,410.5 sq.ft. = 0.216 Acre 71.476m x 24.463m x 75.545m +/- = 2,868.3m = 874.120m <sup>2</sup>	
Building Gross Area	<u>Area</u> Main/First Floor Second Floor Third Floor (Mill Area) Gross Above Ground Area (Excluding exposed bsmt) Basement (Footprint) (Partially exposed) Gross Building Area	<u>Sq. Ft. +/-</u> 7,070 7,070 <u>810</u> 14,950 <u>8,420</u> 23,370
Zoning	M1-General Industrial Classification: "540-Other Industrial"	



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www.polymetinc.com

## Services

- Fully serviced with water
- 3 Phase Electrical Power System
- Natural Gas
- Access to major trucking routes of Northern Ontario via Hwy 11B to Hwy 11
- ONR Rail Access
- ISO 9001 Certified
- Storage & Weighing Facility
- High Speed Internet

# **Property Details**

Construction	Reinforced poured concrete and steel
Exterior Finish	Brick veneer, minor aluminum siding (south end)
Roof Style/Finish	Gable, asphalt shingles
Foundation	Poured concrete, full basement

**Basement:** Represents shipping, receiving and processing area. There is an unheated shipping and loading platform on the east side of the central and north sections which originally was used for such associated with railway loading/transport of product. There is an overhead door in the southeast corner of the south section.

**Second Floor:** Includes two 2-piece washrooms and offices at the far north end opening off a central corridor. Assay lab on the east side, two fire assay rooms with exposed concrete floor in the central area, and the south side includes open space that houses crushers, dust collectors and other equipment related to the processing/mill business.

**Third Floor:** Includes offices and a 2-piece washroom opening off a central corridor at the north end. The central area includes a staff lunch room, small office and preparation sample rooms. The south end mill area is dedicated to equipment related to the processing/mill business.

**Fourth Floor:** Attic area in the north end and a central area and small mill area at the south end of the central area.

**All areas:** All areas, including the fourth floor mill area, are serviced by an elevator. The north, central and south sections are separated by fired rated doors as per Code requirements.



## Plant Operations Consists of:

- Processing Circuit subdivided into 3 separate units: Primary Crusher Circuit, Secondary Crusher Circuit and a Ball Mill Grinding Circuit.
- Ball Mill Grinding Circuit
- Tower Circuit
- Bullion Micro-Smelting Circuit

#### Processing & Bulk Sampling Equipment

- Bulk Sample Tower
- Primary Product Bin (28.5 by 16)
- Primary Screen Deck with Magnetic Conveyor Belt
- Primary Circuit Crusher
- Symonds 2' Cone Crusher
- Secondary Screen Deck
- 20 TPD Krump Ball Mill 3' x 5' with Dust Cover
- Crushing and Grinding Circuit Holding and Transfer Tanks
- Four Head Primary Splitter
- Bulk Sample Cutter
- Finished Product Discharge Hoppers
- Shipping & Receiving Scale
- Sly Ball Mill Dust Collector
- Sly Whole Mill Dust Collector
- Baghouse Spencer Vacuum System
- Ore Bins
- Forklift

### Assay & Prep Lab Equipment (2 Sample Preparation Circuits)

- 2 Small Crushers
- 3 Pulverizing Machines
- 2 Fire Assay Furnaces
- 2 Enclosed Fume Hoods
- 4 Bunsen Burners
- Hot Plates
- Micro-scales
- Atomic Absorption Spectrometer Unit (AAS)

### Smelting Equipment

Wabi Rockwell Bullion Furnace

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